# UNITED STATES PATENT AND TRADEMARK OFFICE

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| 10/829,252 | 04/22/2004 | David Kiesekamp | ALC 3131 | 7271 |

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| EXAMINER |
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| 2162 | |

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**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

| | Application No. | Applicant(s) |
|---|---|---|
| **Office Action Summary** | 10/829,252 | KIESEKAMP ET AL. |
| | Examiner | Art Unit | |
| | Giovanna Colan | 2162 | |

-- *The MAILING DATE of this communication appears on the cover sheet with the correspondence address* --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE _3_ MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

1)☒ Responsive to communication(s) filed on _26 November 2007_.

2a)☒ This action is **FINAL**.     2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

4)☒ Claim(s) _1-7 and 9-16_ is/are pending in the application.

　　4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) _1-7,9-16_ is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

## Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

　　Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

　　Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

　　a)☐ All  b)☐ Some * c)☐ None of:

　　1.☐ Certified copies of the priority documents have been received.

　　2.☐ Certified copies of the priority documents have been received in Application No. _____.

　　3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

　　* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

1)☐ Notice of References Cited (PTO-892)
2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3)☐ Information Disclosure Statement(s) (PTO/SB/08)
　　Paper No(s)/Mail Date _____.

4)☐ Interview Summary (PTO-413)
　　Paper No(s)/Mail Date _____.
5)☐ Notice of Informal Patent Application
6)☐ Other: _____.

## DETAILED ACTION

1.      This action is issued in response to the Amendment filed on 11/26/2007.

2.      Claims 1 – 6, 9, and 11 – 14 were amended. Claims 8 were canceled. No claims

were added.

3.      This action is made Final.

4.      Claims 1 –7, and 9 – 16 are pending in this application.

5.      Applicant's arguments with respect to amended claims 1 – 6, 9, and 11 – 14

have been considered but are moot in view of the new ground(s) of rejection.


### *Claim Rejections - 35 USC § 103*

6.      The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set
> forth in section 102 of this title, if the differences between the subject matter sought to be patented and
> the prior art are such that the subject matter as a whole would have been obvious at the time the
> invention was made to a person having ordinary skill in the art to which said subject matter pertains.
> Patentability shall not be negatived by the manner in which the invention was made.

7.      This application currently names joint inventors. In considering patentability of

the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of

the various claims was commonly owned at the time any inventions covered therein

were made absent any evidence to the contrary. Applicant is advised of the obligation

under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was

not commonly owned at the time a later invention was made in order for the examiner to

consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g)

prior art under 35 U.S.C. 103(a).


8.      Claims 1 – 7, and 9 – 16 are rejected under 35 U.S.C. 103(a) as being

unpatentable over Khan (US Patent No. US 6,546,393 B1, issued: April 8, 2003) in view

of Shurmer et al. (Shurmer hereinafter) (US Patent No. 5,974,237).


Regarding Claims 1, Khan discloses a method of providing access to views of

telecommunication network objects within an application for viewing or managing a

telecommunication network having a hierarchy of telecommunication network objects,

the application providing a graphical user interface through which an operator can issue

instructions, the computer-readable medium comprising:

storing a stored bookmark list of bookmarks (Col. 19, lines 25 – 34, Khan), each

bookmark being associated with a telecommunication network object (Col. 21, lines 40

– 44, Khan[1]).

Khan discloses also discloses: the telecommunication network object being

selected from the list consisting of network elements, groups of network elements (Col.

11 and 12, lines 63 – 67 and 1 – 3; respectively, Khan). However, Khan does not

explicitly disclose that the list consists of line cards, and ports. On the other hand,

Shurmer discloses the telecommunication network object being selected from the list

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[1] According to the Webster's New World Computer Dictionary from Wiley, "telecommunication" is defined
as "the transmission of any type of information over a public or private network". As disclosed by the

consisting of network elements, groups of network elements, groups of network elements, line cards, and ports (Col. 7, and 8, lines 58 – 67 and 1 – 2; respectively, Shurmer).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate the Shurmer's teachings to the system of Khan. Skilled artisan would have been motivated to do so, as suggested by Shurmer (Col. 7, lines 53 – 62, Shurmer), to allow a user to monitor a service on the network, and to collect data from the components within the switch which are supporting the connection. In addition, both of the references (Khan and Shurmer) teach features that are directed to analogous art and they are directed to the same field of endeavor, such as, databases management systems, and network elements. This close relation between both of the references highly suggests an expectation of success.

Furthermore, the combination of Khan in view of Shurmer discloses:

accessing the stored bookmark list the operator logs onto the application (Col. 23, lines 32 – 40, "…every bookmark account may be password protected. This means that users must begin by logging into their account…"; Khan) , the stored bookmark list uniquely associated with the operator (Col. 19, lines 25 – 34; "…a new window will open up with all of the user's bookmarks visible…"; Khan);

displaying the stored bookmark list in the graphical user interface (Fig. 5, items 304, 314, 316, and 318, Col. 13, lines 30 – 35, Khan);

applied prior art, the bookmarks are associated to links in networks (Col. 15, lines 34 – 47, Khan).

if the operator selects a bookmark in the stored bookmark list, displaying

information concerning the telecommunication network object associated with the

bookmark selected by the operator (Col. 17, lines 51 – 60, Khan[2]); and

if the operator issues instructions to add a new bookmark to the stored bookmark

list, adding a new bookmark to the stored bookmark list, the new bookmark being

associated with a currently displayed telecommunication network object (Fig. 9, item

902, Col. 15, lines 61 – 67, Khan[3]).

Regarding Claim 2, the combination of Khan in view of Shurmer discloses

method wherein the step of displaying the stored bookmark list displays the bookmark

list, the step of displaying the bookmark list initiated when the operator selects a

bookmarks submenu contained within a menu in the graphical user interface (Fig. 6,

items 602, and 612, Khan). However, the combination of Khan in view of Shurmer does

not expressly disclose displaying such bookmark list as a drop down menu. Kahn

discloses displaying lists as a drop down menu (Fig. 6, item 608 and Fig. 12, items

1208, 1206, and 1210, Khan). It would have been obvious to one of ordinary skill in the

art at the time the invention was made to incorporate the Khan's drop down menu for

displaying to the step of displaying the bookmark list disclosed by the system of the

Therefore, Examiner interprets those links as the telecommunication network object as claimed.
[2] According to the Webster's New World Computer Dictionary from Wiley, "telecommunication" is defined as "the transmission of any type of information over a public or private network". As disclosed by the applied prior art, the bookmarks are associated to links in networks (Col. 15, lines 34 – 47, Khan). Therefore, Examiner interprets those links as the telecommunication network object as claimed.
[3] According to the Webster's New World Computer Dictionary from Wiley, "telecommunication" is defined as "the transmission of any type of information over a public or private network". As disclosed by the

combination of Khan in view of Shurmer. Skilled artisan would have been motivated to

do so, to provide users with an simple and easy to user menu structure.


Regarding Claim 3, the combination of Khan in view of Shurmer discloses a

method wherein the drop down menu further includes a menu command by which the

operator can issue instructions to add a new bookmark to the stored bookmark list (Fig.

6, items 602, and 612, Khan; and also see - Fig. 6, item 608 and Fig. 12, items 1208,

1206, and 1210, Khan).


Regarding Claim 4, the combination of Khan in view of Shurmer discloses

method further comprising the steps of:

if the operator issues instructions to manage the bookmarks, providing a

bookmark management window, the bookmark management window including a

temporary bookmark list initially identical to the stored bookmark list (Fig. 7, Col. 15,

lines 34 – 38, Khan);

if the operator issues instructions to create a bookmark group, creating a

bookmark group (Col. 11, lines 15 – 20, and 25 – 2, Khan);

if the operator issues instructions to assign one of the bookmarks in the

temporary bookmark list, assigning the one of the bookmarks in the temporary

bookmark list to the bookmark group (Col. 13, lines 7 – 8, and 18 – 20; wherein the step

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applied prior art, the bookmarks are associated to links in networks (Col. 15, lines 34 – 47, Khan).
Therefore, Examiner interprets those links as the telecommunication network object as claimed.

of creating a new node in the category tree corresponds to the step of assigning one of

the bookmarks in the temporary bookmark list claimed; Khan); and

if the operator issues instructions to save the temporary bookmark list, storing the

temporary bookmark list as the stored bookmark list (Col. 13, lines 21 – 23; the addition

is then finalized and included in the site directory; Khan).


Regarding Claim 5, the combination of Khan in view of Shurmer discloses

method wherein the step of displaying the stored bookmark list comprises displaying the

stored bookmark list as part of a drop down menu, the drop down menu further

including a command by which the operator can issue instructions to manage the

bookmarks (Fig. 7, and 9, item 902, Col. 15, lines 34 – 38, and 61 – 67, Khan).


Regarding Claim 6, the combination of Khan in view of Shurmer discloses a

method wherein the step of providing a bookmark management window comprises

displaying a New Folder button, a Rename button, a Delete button, an OK button, and a

Cancel button, wherein the operator may designate any bookmark in the temporary

bookmark list as a selected bookmark, and wherein the method comprises the further

steps of:

if the operator selects the New Folder button, prompting the operator to enter a

new group name, and creating a new bookmark group having the new bookmark group

name in the temporary bookmark list(Fig. 12, items 1200, 1206, 1208, and 702, Col. 11,

and 16, lines 15 – 20 and 25 – 2, and 47 – 50; respectively, Khan);

if the operator selects the Rename button, prompting the operator to enter a new

bookmark name (Fig. 9, item 902, Col. 15, lines 61 – 67, Khan), and renaming the

selected bookmark with the new bookmark name (Col. 15, lines 35 – 38, Khan);

if the operator selects the Delete button, deleting the selected bookmark from the

temporary bookmark list (Col. 21, lines 30 – 33, Khan);

if the operator selects the Cancel button, closing the bookmark management

window (Col. 22, lines 46 - 50, Khan);

and wherein operator issues the instructions to save the temporary bookmark list

bye selecting the OK button (Fig. 7, item 702, Col. 15, lines 35 – 40, Khan).


Regarding Claims 7, the combination of Khan in view of Shurmer discloses a

method wherein the step of providing a bookmark management window further

comprises displaying a Clean Up button, and wherein the method comprises the further

step of:

If the operator selects the Clean Up button, removing from the temporary

bookmark list any bookmarks for which the associated telecommunication network

object no longer exists within the hierarchy of telecommunication network objects (Fig.

23, item 2300, Col. 21, lines 18 – 21, Khan[4]).

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[4] According to the Webster's New World Computer Dictionary from Wiley, "telecommunication" is defined
as "the transmission of any type of information over a public or private network". As disclosed by the

Regarding Claims 9, Khan discloses a computer-readable medium having

instructions for providing access to views of telecommunication network objects within

an application for viewing or managing a telecommunication network having a hierarchy

of telecommunication network objects, the application providing a graphical user

interface through which an operator can issue instructions, the computer-readable

medium comprising:

instructions for storing a stored bookmark list of bookmarks (Col. 19, lines 25 –

34, Khan), each bookmark being associated with a telecommunication network object

(Col. 21, lines 40 – 44, Khan[5]).

Khan discloses also discloses: the telecommunication network object being

selected from the list consisting of network elements, groups of network elements (Col.

11 and 12, lines 63 – 67 and 1 – 3; respectively, Khan). However, Khan does not

explicitly disclose that the list consists of line cards, and ports. On the other hand,

Shurmer discloses the telecommunication network object being selected from the list

consisting of network elements, groups of network elements, groups of network

elements, line cards, and ports (Col. 7, and 8, lines 58 – 67 and 1 – 2; respectively,

Shurmer).

It would have been obvious to one of ordinary skill in the art at the time the

invention was made to incorporate the Shurmer's teachings to the system of Khan.

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applied prior art, the bookmarks are associated to links in networks (Col. 15, lines 34 – 47, Khan).
Therefore, Examiner interprets those links as the telecommunication network object as claimed.
[5] According to the Webster's New World Computer Dictionary from Wiley, "telecommunication" is defined
as "the transmission of any type of information over a public or private network". As disclosed by the

Skilled artisan would have been motivated to do so, as suggested by Shurmer (Col. 7,

lines 53 – 62, Shurmer), to allow a user to monitor a service on the network, and to

collect data from the components within the switch which are supporting the connection.

In addition, both of the references (Khan and Shurmer) teach features that are directed

to analogous art and they are directed to the same field of endeavor, such as,

databases management systems, and network elements. This close relation between

both of the references highly suggests an expectation of success.

Furthermore, the combination of Khan in view of Shurmer discloses:

instructions for displaying the stored bookmark list in the graphical user interface

(Fig. 5, items 304, 314, 316, and 318, Col. 13, lines 30 – 35, Khan);

instructions for displaying information concerning the telecommunication network

object associated with a bookmark selected by the operator, in the event that the

operator selects a bookmark in the stored bookmark list (Col. 17, lines 51 – 60, Khan[6]);

and

instructions for adding a new bookmark to the stored bookmark list, the new

bookmark being associated with a currently displayed telecommunication network

object, in the event that the operator issues instructions to add a new bookmark to the

stored bookmark list (Fig. 9, item 902, Col. 15, lines 61 – 67, Khan[7]).

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applied prior art, the bookmarks are associated to links in networks (Col. 15, lines 34 – 47, Khan).
Therefore, Examiner interprets those links as the telecommunication network object as claimed.
[6] According to the Webster's New World Computer Dictionary from Wiley, "telecommunication" is defined
as "the transmission of any type of information over a public or private network". As disclosed by the
applied prior art, the bookmarks are associated to links in networks (Col. 15, lines 34 – 47, Khan).
Therefore, Examiner interprets those links as the telecommunication network object as claimed.
[7] According to the Webster's New World Computer Dictionary from Wiley, "telecommunication" is defined
as "the transmission of any type of information over a public or private network". As disclosed by the

The combination of Khan in view of Shurmer also discloses: instructions for displaying the stored bookmark list initiated when the operator selects a bookmarks submenu contained within a menu in the graphical user interface (Fig. 6, items 602, and 612, Khan). However, the combination of Khan in view of Shurmer does not expressly disclose displaying such bookmark list as a drop down menu. Kahn discloses displaying lists as a drop down menu (Fig. 6, item 608 and Fig. 12, items 1208, 1206, and 1210, Khan). It would have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate the Khan's drop down menu for displaying to the step of displaying the bookmark list disclosed by the system of the combination of Khan in view of Shurmer. Skilled artisan would have been motivated to do so, to provide users with a simple and easy to user menu structure.

Regarding Claim 10, the combination of Khan in view of Shurmer discloses a computer-readable medium wherein the instructions for storing the stored bookmark list comprise instructions for storing the stored bookmark list uniquely in association with the operator (Col. 12, and 19, lines 6 – 12, and 25 – 34; respectively, Khan).

Regarding Claim 11, the combination of Khan in view of Shurmer discloses a computer-readable medium wherein the drop down menu further includes a menu command by which the operator can issue instructions to add a new bookmark to the stored bookmark list (Fig. 9, item 902, Col. 15, lines 61 – 67, Khan).

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applied prior art, the bookmarks are associated to links in networks (Col. 15, lines 34 – 47, Khan).

Regarding Claim 12, the combination of Khan in view of Shurmer discloses a

computer-readable medium further comprising:

instructions for displaying a bookmark management window including a

temporary bookmark list initially identical to the stored bookmark list, in the event that

the operator issues instructions to manage the bookmarks (Fig. 7, Col. 15, lines 34 –

38, Khan);

instructions for creating a bookmark group, in the event that the operator issues

instructions to create a bookmark group (Col. 11, lines 15 – 20, and 25 – 2, Khan);

instructions for assigning one of the bookmarks in the temporary bookmark list to

one of the bookmark groups, in the event that the operator issues instructions to assign

one of the bookmarks in the temporary bookmark list (Col. 13, lines 7 – 8, and 18 – 20;

wherein the step of creating a new node in the category tree corresponds to the step of

assigning one of the bookmarks in the temporary bookmark list claimed; Khan); and

instructions for storing the temporary bookmark list as the stored bookmark list, in

the event that the operator issues instructions to save the temporary bookmark list (Col.

13, lines 21 – 23; the addition is then finalized and included in the site directory; Khan).

Regarding Claim 13, the combination of Khan in view of Shurmer discloses a

computer-readable medium wherein the drop down menu further includes a command

Therefore, Examiner interprets those links as the telecommunication network object as claimed.

by which the operator can issue instructions to manage the bookmarks (Fig. 7, and 9,

item 902, Col. 15, lines 34 – 38, and 61 – 67, Khan).


Regarding Claim 14, the combination of Khan in view of Shurmer discloses a

computer-readable medium wherein the instructions for providing a bookmark

management window comprise instructions for displaying a New Folder button, a

Rename button, a Delete button, an OK button, and a Cancel button, and the computer-

readable medium further comprising:

instructions for allowing the operator to designate any bookmark in the temporary

bookmark list as a selected bookmark (Col. 13, lines 7 – 8, and 18 – 20; wherein the

step of creating a new node in the category tree corresponds to the step of assigning

one of the bookmarks in the temporary bookmark list claimed; Khan);

instructions for prompting the operator to enter a new bookmark group name and

creating a new bookmark group having the new bookmark group name in the temporary

bookmark list, in the event that the operator selects the New Folder button (Fig. 12,

items 1200, 1206, 1208, and 702, Col. 11, and 16, lines 15 – 20 and 25 – 2, and 47 –

50; respectively, Khan)

instructions for prompting the operator to enter a new bookmark name (Fig. 9,

item 902, Col. 15, lines 61 – 67, Khan) and renaming the selected bookmark with the

new bookmark name, in the event that the operator selects the Rename button (Col. 15,

lines 35 – 38, Khan);

instructions for deleting the selected bookmark from the temporary bookmark list, in the event that the operator selects the Delete button (Col. 21, lines 30 – 33, Khan); and

instructions for closing the bookmark management window, in the event that the operator selects the Cancel button (Col. 22, lines 46 - 50, Khan); and

wherein the instructions for storing the temporary bookmark list as the stored bookmark list are executed in the event that the operator selects the OK button (Fig. 7, item 702, Col. 15, lines 35 – 40, Khan).


Regarding Claim 15, the combination of Khan in view of Shurmer discloses a computer-readable medium wherein the instructions for providing a bookmark management window further comprise instructions for displaying a Clean Up button, and the computer-readable medium further comprising:

instructions for removing from the temporary bookmark list any bookmarks for which the associated telecommunication network object no longer exists within the hierarchy of telecommunication network objects, in the event that the operator selects the Clean Up button (Fig. 23, item 2300, Col. 21, lines 18 – 21, Khan[8]).


Regarding Claim 16, the combination of Khan in view of Shurmer discloses a computer-readable medium wherein the instructions for storing the stored bookmark list

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[8] According to the Webster's New World Computer Dictionary from Wiley, "telecommunication" is defined as "the transmission of any type of information over a public or private network". As disclosed by the

comprise instructions for storing the stored bookmark list uniquely in association with

the operator (Col. 12, and 19, lines 6 – 12, and 25 – 34; respectively, Khan).

## Conclusion

1.      The prior art made of record and not relied upon is considered pertinent to

applicant's disclosure.

*Prior Art Made Of Record*

Khan (US Patent No. US 6,546,393 B1, issued: April 8, 2003).

Himmel et al. (US Patent No. 6,480,852 B1).

Shurmer et al. (US Patent No. 5,974,237).

2.      **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time

policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE

MONTHS from the mailing date of this action.  In the event a first reply is filed within

TWO MONTHS of the mailing date of this final action and the advisory action is not

mailed until after the end of the THREE-MONTH shortened statutory period, then the

shortened statutory period will expire on the date the advisory action is mailed, and any

extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

the advisory action.  In no event, however, will the statutory period for reply expire later

than SIX MONTHS from the mailing date of this final action.

## *Points Of Contact*

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Giovanna Colan whose telephone number is (571) 272-2752. The examiner can normally be reached on 8:30 am - 5:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Breene can be reached on (571) 272-4107. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Giovanna Colan
Examiner
Art Unit 2162
January 23, 2008

SHAHID ALAM
PRIMARY EXAMINER